

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

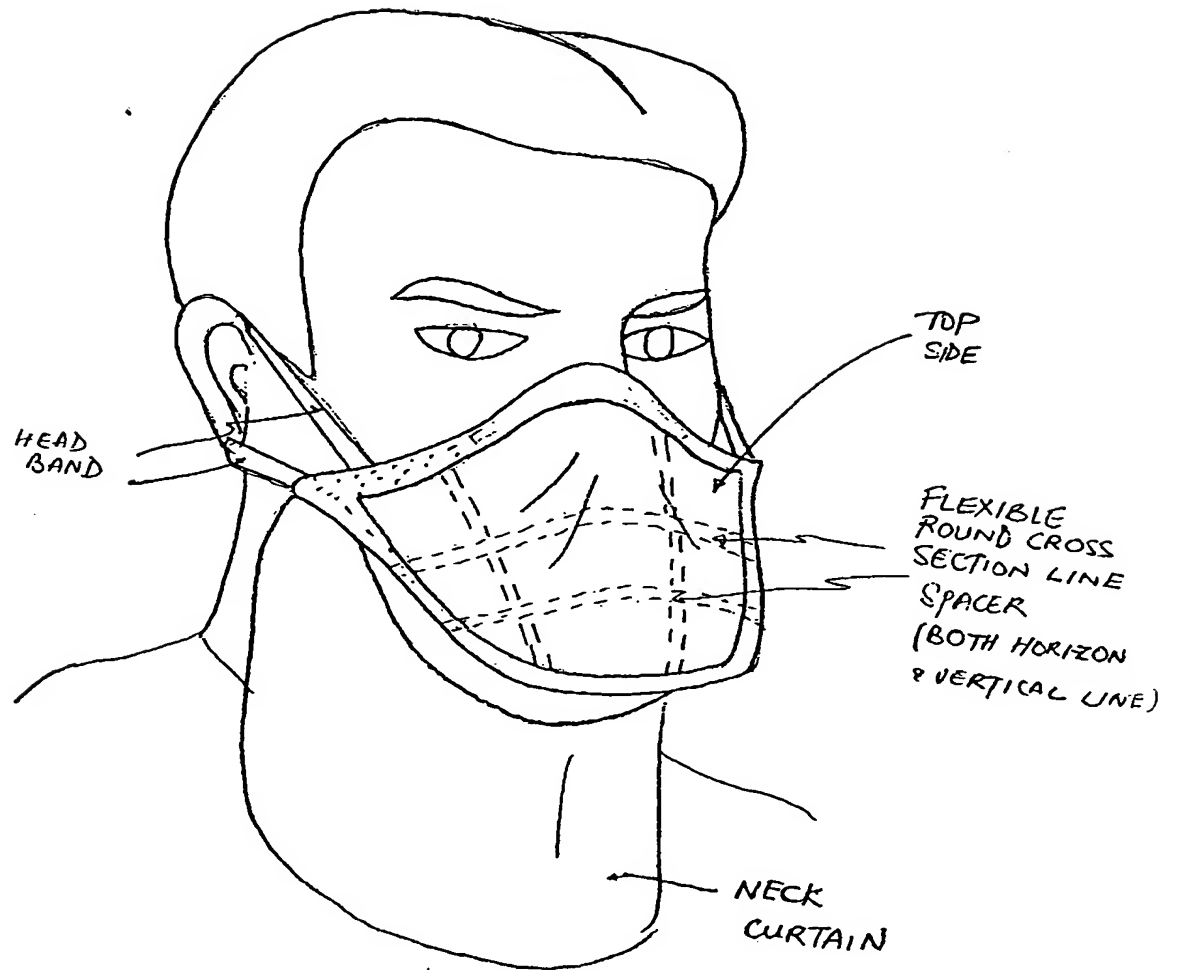
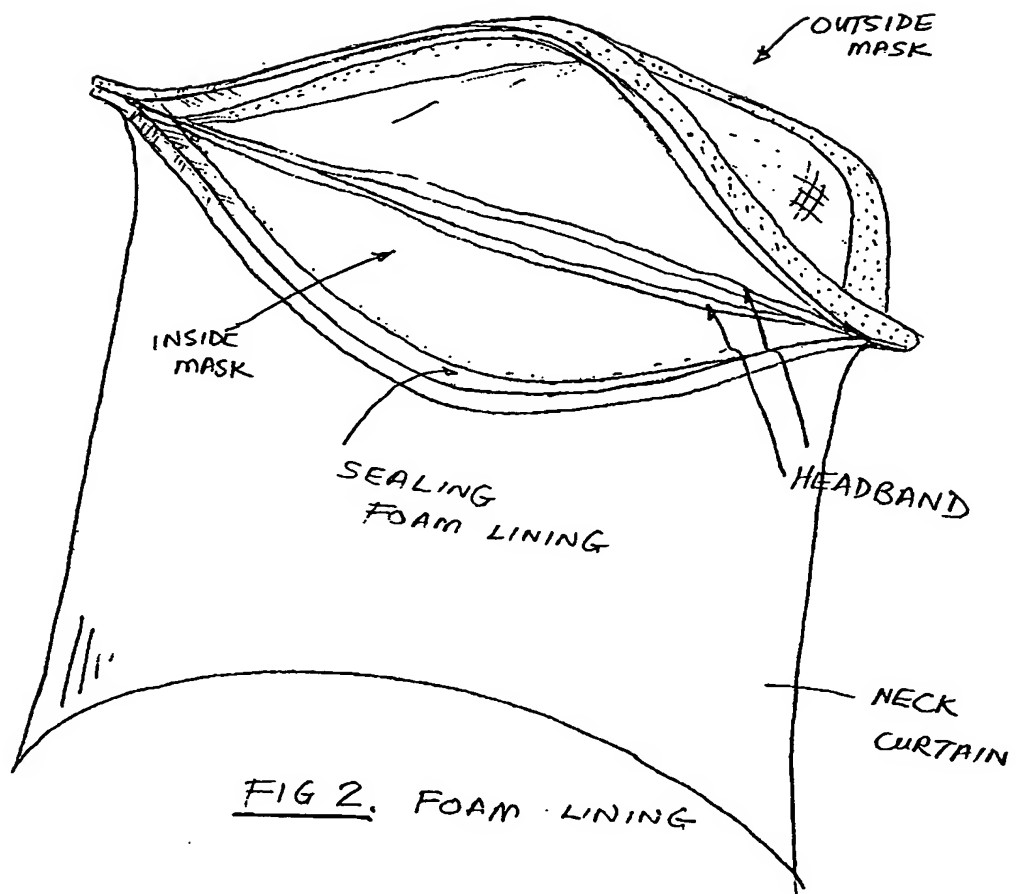


FIG 1 RESPIRATORY MASK
WITH LINE SPACER



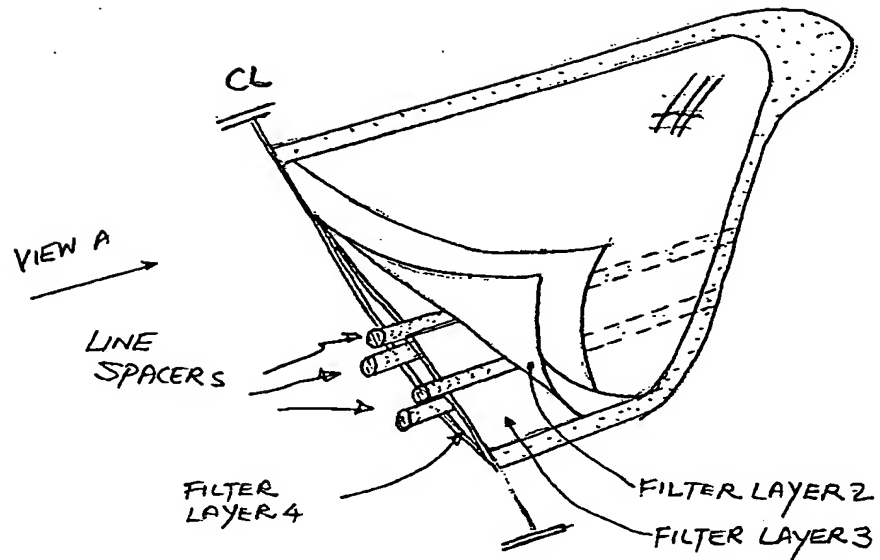


FIG 3a. PARALLEL FLEXIBLE
ROUND CROSS-SECTION LINE
SPACER

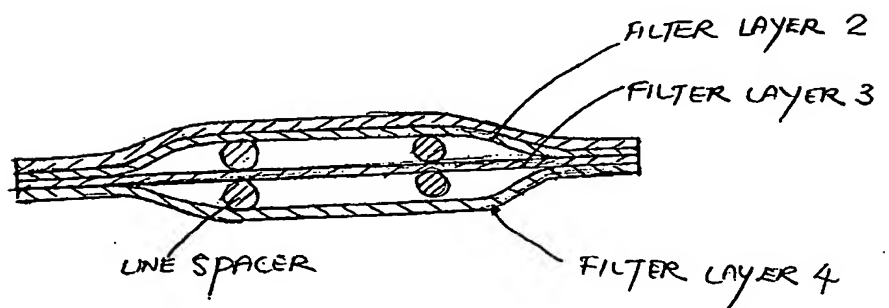


FIG 3b. CROSS-SECTIONAL VIEW OF
LINE SPACER

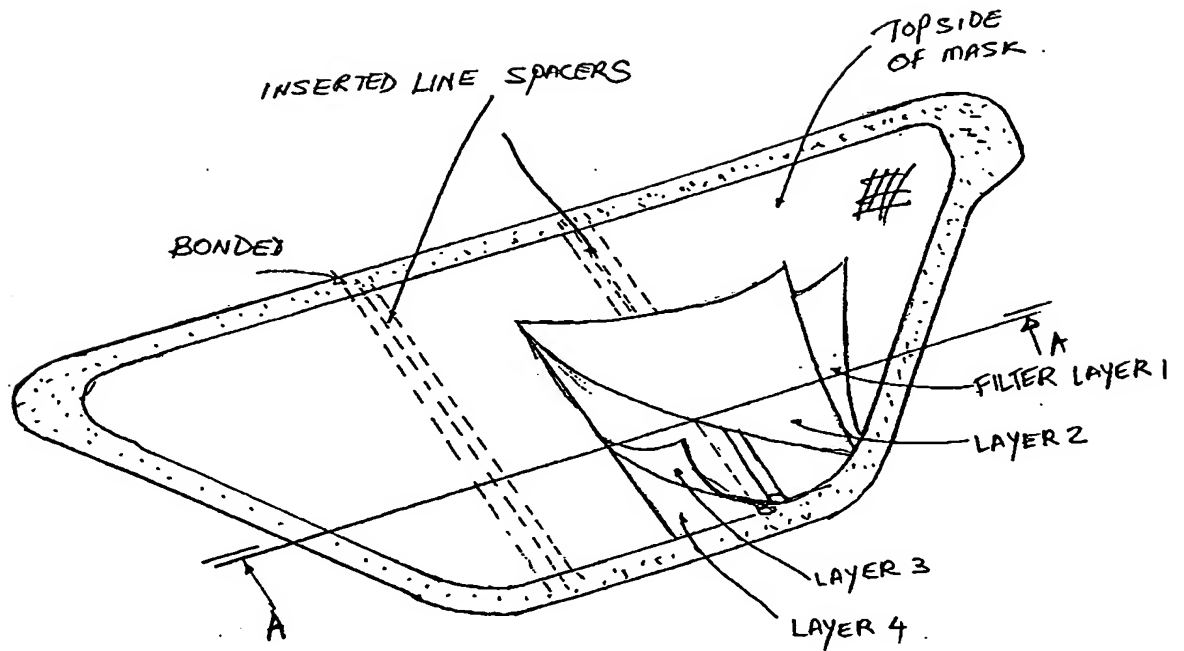


FIG 4a. FLEXIBLE ROUND CROSS SECTION
LINE SPACER ALIGNED VERTICALLY

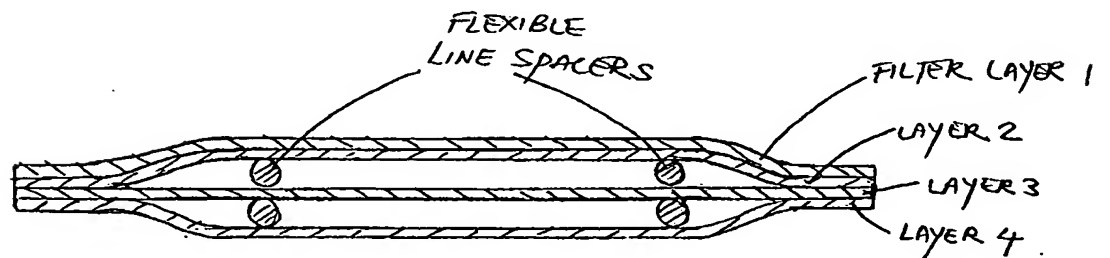


FIG 4b VIEW A

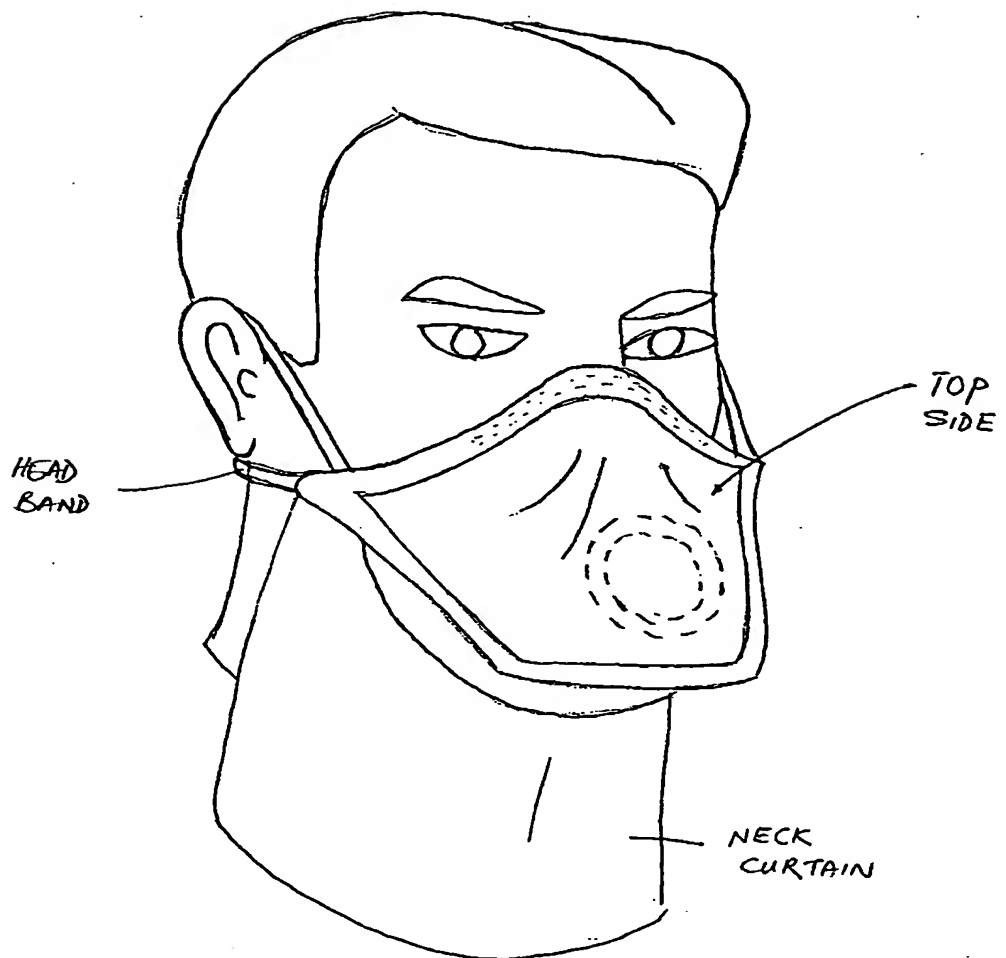


FIG 5. RESPIRATORY MASK
WITH GEOMETRICAL SHAPE
SPACER (ABOVE SHOWS
THE TAPERED CONCENTRIC RING AS
A SPECIAL CASE)

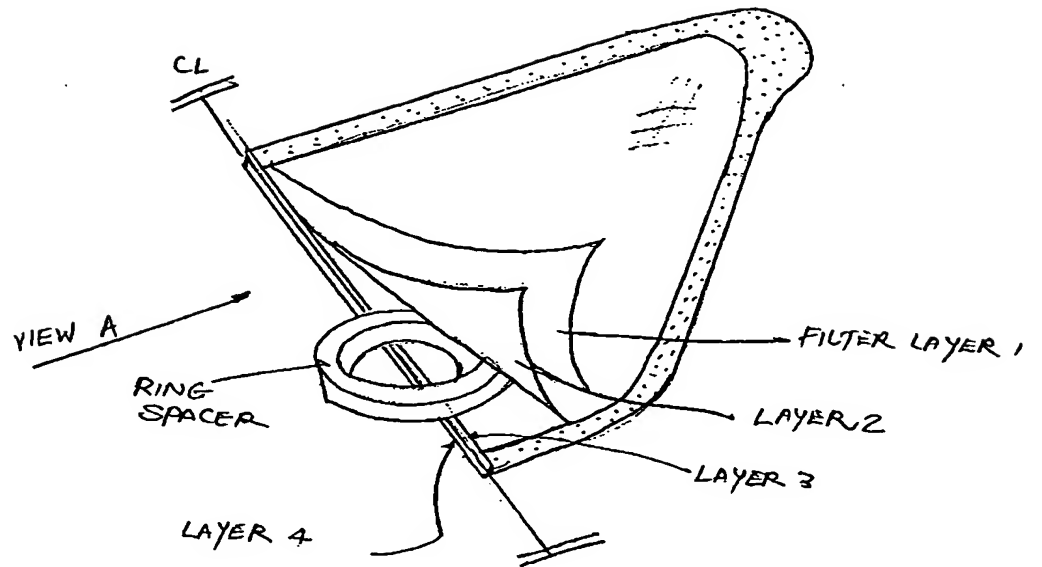


FIG 6a TOP SIDE HALF-PORTION OF THE MASK SHOWING THE GEOMETRICAL SPACER

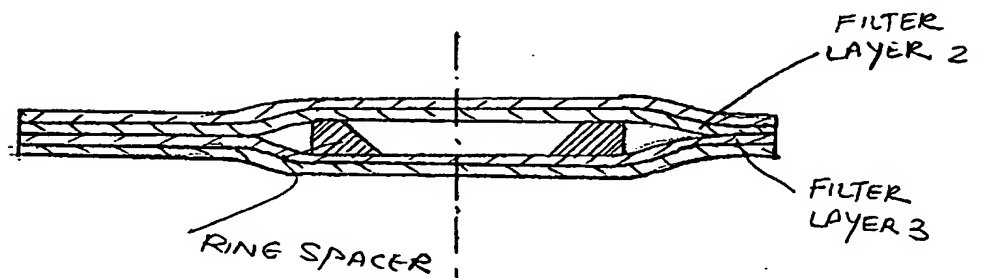
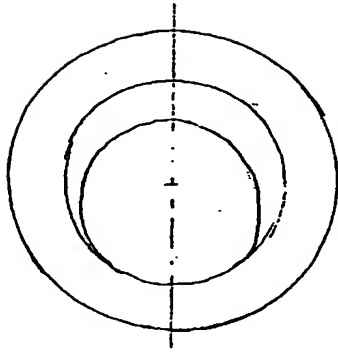
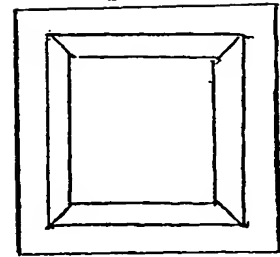


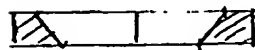
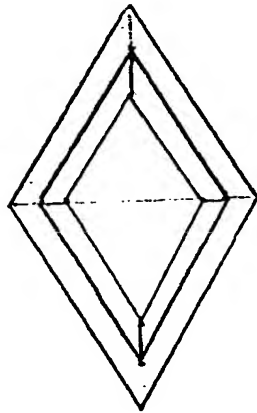
FIG 6b VIEW A



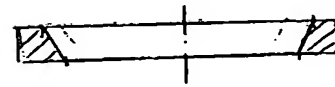
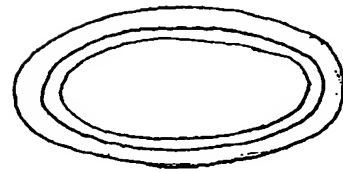
a. TAPERED RING WITH
OFFSET INNER HOLE



b. RECTANGLE FRAME
SPACER



c. DIAMOND/RHOMBUS
FRAME SPACER.



d. ELLIPTICAL SHAPE
SPACER

FIG 7. ALTERNATE GEOMETRICAL
SPACER SHAPES

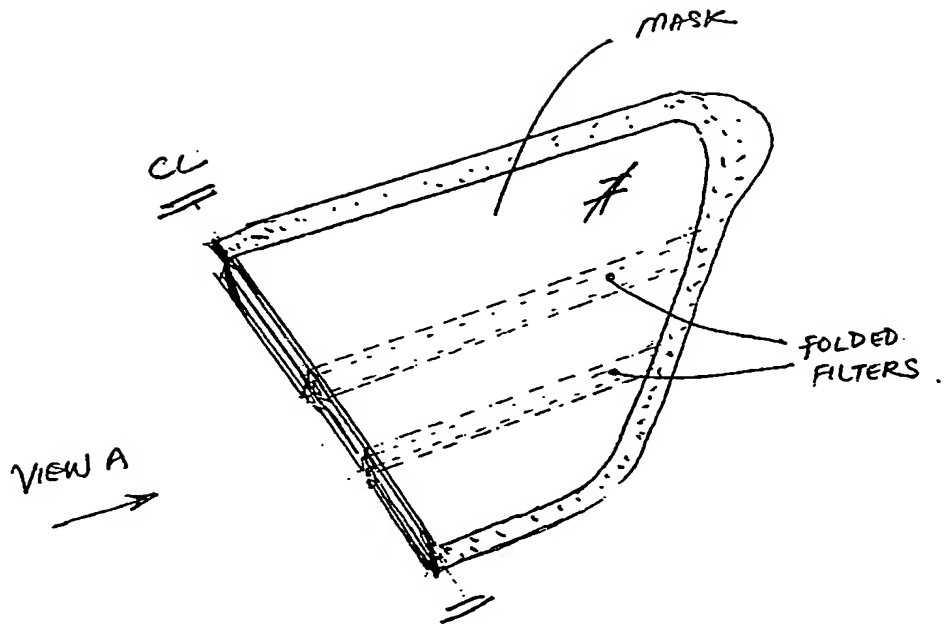


FIG 8a. TOPSIDE HALF PORTION OF THE MASK SHOWING THE FOLDED FILTER SPACER.

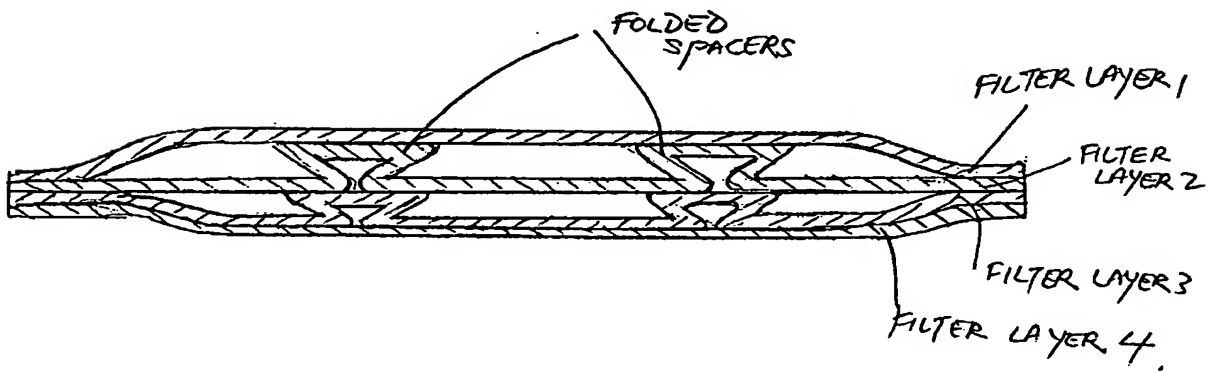


FIG 8b. VIEW A OF THE FOLDS ON THE FILTER LAYER 2 AND 3 TO CREATE SPACING.

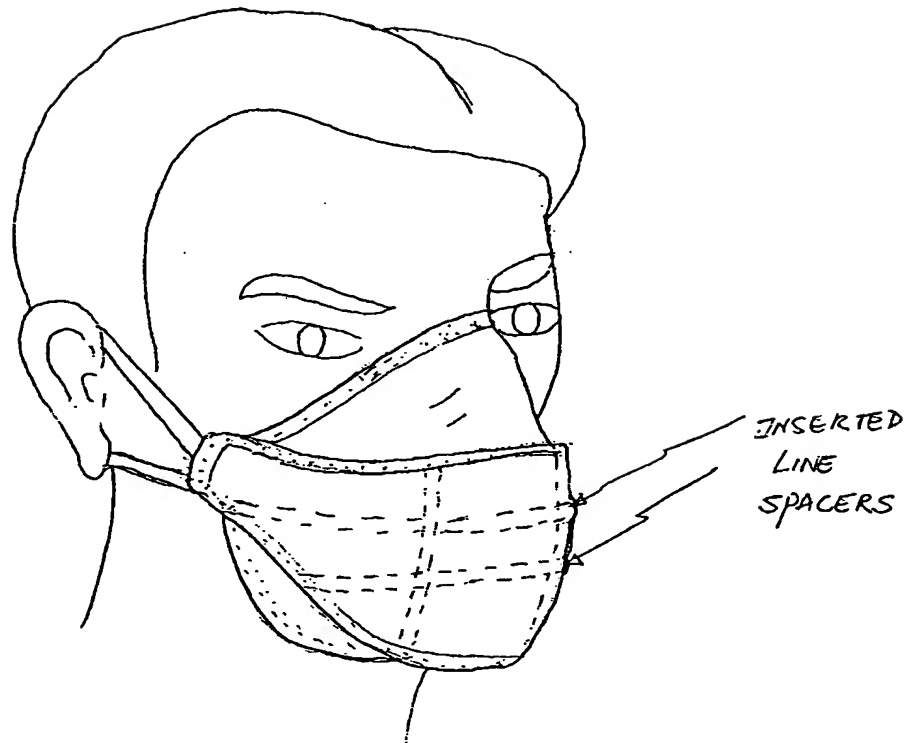


FIG 9a. THREE-PIECE MASK WITH INSERTED SPACERS

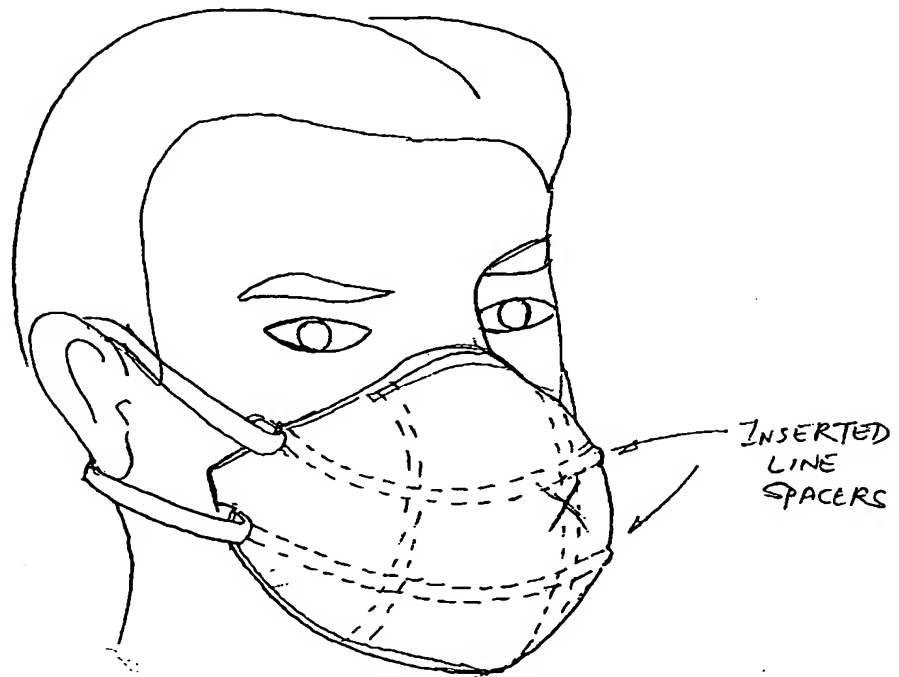


FIG 9b. CUP SHAPED MASK WITH INSERTED SPACERS